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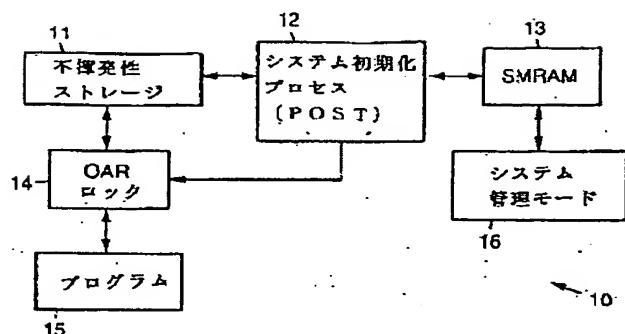
APPLICATION DATE : 20-11-01
APPLICATION NUMBER : 2001355353

APPLICANT : FIINIKKUSU TECHNOLOGIES LTD;

INVENTOR : STEVEN D WILLIAMS;

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TITLE : SYSTEM AND METHOD FOR
COMPUTER DEVICE CERTIFICATION



ABSTRACT : PROBLEM TO BE SOLVED: To provide a system and a method for device certification to use a master key which is stored in a protected nonvolatile memory.

SOLUTION: A secret data to be transferred to a storage which can be accessed only by an operation in the privilege mode of the computer system using the master key is output. This secret data and the master key cannot be accessed directly by a program which does not work according to the operation in the privilege mode. The master key is used for outputting one or a plurality of application keys used for protecting the data peculiar to a pair of applications/devices. A non-privilege program can use these application keys by demanding a function which works in the privilege mode. A privilege mode program inspects the preservation ability of a non-privilege calling side program for warranting that the program has power and/or preservation ability to execute the operations each of which is demanded. One or a plurality of device authority servers are used for issuing and managing both of the master key and the application key.

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